

HP recommends Windows.



HP ENVY Recline TouchSmart 23-k110 All-in-One (Energy Star)



The most natural touch experience. Hands Down.

Forever change the way you think about touch. Glide the unique adjustable all-in-one touchscreen comfortably close to your lap, or position it upright to get a full view of the wide display. This HP ENVY Recline TouchSmart delivers an immersive touch experience in your most natural position.

About model 23-k110

Pulled close or positioned upright, touch technology has never felt so natural. Breeze through your day more comfortably with an all-in-one that delivers an immersive touch experience in your most natural position.

Key features

- Windows 8.⁽¹⁾
- 4th generation Intel® Core™ i3-4130T processor.^(2b)
- 10-point touch-enabled 23" diagonal widescreen IPS Full HD⁽³³⁾ LED backlit display
- 4GB PC3-12800 DDR3-1600 SDRAM memory⁽³⁾ 1X4GB (expandable to 16GB)
- 1TB SATA 6G Solid State Hybrid Drive^(4b) with 8GB SSD acceleration cache^{(4b)(12)}
- NVIDIA GeForce GT 730A dedicated graphics with 1GB DDR3 dedicated memory. Support for Microsoft® DirectX® 11⁽¹⁰⁾
- Up to 1792MB Total Available Graphics Memory as allocated by Windows 8
- Wireless chiclet-style keyboard with volume control, Windows 8 hot keys and optical mouse^{(1)(9b)}
- 2x USB 3.0 at right side
- HP Wireless 802.11a/b/g/n 2x2 Dual Band Mini Card with Bluetooth® 4.0 NIC and WiDi⁽¹⁾⁽⁹⁾⁽²⁰⁾⁽⁶⁵⁾
- 1 year limited hardware warranty and 1 year technical support

Product highlights

- **Featuring Windows 8**
- **HP ENVY Recline 23 TouchSmart All-in-One:** Sit back, relax, and type—or tap, swipe, and pinch. Perform touch gestures naturally with an adjustable stand that allows for below-desk typing and deep recline.
- **23-inch Full HD display:** Movies and games are big enough to share on this 23-inch diagonal Full HD touchscreen that delivers wide viewing angles, rich colors, and sharp graphics.⁽³³⁾
- **10-point capacitive touch:** Get the most out of touch with an ultra-reactive 10-point touchscreen.
- **Windows 8 enhanced keyboard/mouse:** A sleek keyboard/mouse combo with hot keys allows for intuitive navigation of Windows 8.^{(1)(9b)}
- **NVIDIA graphics:** Immerse yourself in ultra-realistic games.
- **Solid State Hybrid Drive:** The Solid State Hybrid Drive stores data into super-fast NAND flash for system blazing-fast performance with massive storage capacity.
- **Beats Audio™:** Designed for the best sounding, richest audio on a PC.
- **Intel WiDi:** Connect wirelessly to your TV for an even bigger picture.⁽⁶⁵⁾
- **HP TrueVision Webcam:** Capture all the details with vibrant clarity, even in low light. Enjoy the nuances of face-to-face conversations.⁽¹⁾⁽¹⁰⁾
- **HP Connected Photo:** Sync photos across your PC, smartphone and tablet with HP Connected Photo. Capture, store and order prints on Snapfish, or share them on social networks.⁽³⁷⁾
- **HP Connected Music:** A unique music application providing limitless discovery, HP Connected Music seamlessly integrates your collection with leading music and radio services.⁽³⁸⁾
- **HP SimplePass:** Easily access your online accounts with a single password or PIN, and keep your identity to yourself. HP SimplePass remembers your passwords, so you get to the good stuff faster.

- **CyberLink:** We've got your multimedia needs covered. From our webcam app to powerful photo and video editing—even an enhanced video experience.
- **Box®:** Finally, all of your mobile content is in one place.⁽¹⁰⁾ Free 50GB lifetime cloud storage⁽⁶⁰⁾ from Box®.
- **McAfee:** Free 30-day Trial of McAfee LiveSafe™ service included. McAfee LiveSafe™ service enriches your digital life by protecting your data, identity and all your devices so you can connect with confidence.⁽⁸⁰⁾

Energy efficiency your way

HP is committed to global citizenship and environmental responsibility. Do the environment—and your wallet—a favor when you use the HP ENVY Recline 23 TouchSmart All-in-One PC that meets strict energy-efficiency and helps reduce your carbon footprint.

- ENERGY STAR® Qualified⁽⁶²⁾
- EPEAT® Gold registered^(27a)
- Low Halogen⁽⁶¹⁾
- Mercury-free display backlights
- Arsenic-free display glass
- All HP computing products are delivered by SmartWay carriers.⁽⁶³⁾
- Eligible for free recycling or cash back through HP's Planet Partners Recycling and Consumer Buyback programs (www.hp.com/go/easybuyback).⁽⁵¹⁾

Here to keep you happy

HP Total Care provides award-winning 24x7 service and support in the U.S. and normal business hours for Canada and Latin America. To learn more, visit www.hp.com/go/totalcare.

During your limited warranty period, enjoy:

- 24x7 technical assistance via on-line chat, e-mail, HP Support Forum or HP Total Care.⁽⁵⁸⁾
- Parts and labor coverage, including customer-replaceable parts, return of equipment to HP, and authorized service provider options.
- Toll-free technical and limited software support in English, French or Spanish at 1.800.474.6836.

In addition, and at no charge, you get lifetime access to HP's Support Forum in English, French or Spanish at www.hp.com/go/supportforum and HP Support Assistant, a free self-help tool that's built right into Windows based PCs.⁽⁵⁷⁾ HP also offers a variety of enhanced services and options both in and out of warranty to give you peace of mind and extend the coverage on your PC. Visit www.hp.com/totalcare for details.

Need more? Say hello to HP SmartFriend - 24/7 personalized service, including "how-to" help on everything from virus removal to software setup to printing problems. Get support over the phone or let us log into your PC remotely and solve the problem for you.⁽⁹⁵⁾ Single use and subscription plans available. hp.com/go/smartfriend



Specifications

Operating System	• Windows 8.1⁽¹⁾
Processor	• 4th generation Intel® Core™ i3-4130T processor ^(2a)
Processor Speed	• 2.90 GHz ⁽⁷⁾
Cache	• 3MB Cache
Memory	• 4GB PC3-12800 DDR3-1600 SDRAM memory ⁽³⁾ 1x4GB (expandable to 16GB)
Hard Drive	• 1TB SATA 6G Solid State Hybrid Drive ^(4a) with 8GB SSD acceleration cache offers SSD-like Speed & HDD capacity ⁽¹²⁾
Video Graphics	<ul style="list-style-type: none"> • Accelerate your All-in-One's performance by up to 4x with advanced NVIDIA GeForce GT 730A dedicated graphics with 1GB DDR3 dedicated memory. Support for Microsoft® DirectX® 11^(9a) • Up to 1792MB Total Available Graphics Memory as allocated by Windows 8
Network Interface	• 10/100/1000 Base-T Network ^(2a)
Wireless Connectivity	• HP Wireless 802.11a/b/g/n 2x2 Dual Band Mini Card with Bluetooth® 4.0 NIC and WiDi; ⁽¹³⁾⁽²⁶⁾⁽⁶⁵⁾
Sound	<ul style="list-style-type: none"> • Integrated speakers • Beats Audio™
Memory Slots	• SODIMM socket x2 (204-pin, DDR3) (one available)
Expansion Slots	• 1 PCI-E x1 mini socket slot (occupied)
Memory Card Reader	• HP 3-in-1 Media Card Reader - Supports SD, SDHC, SDXC
External Ports	<ul style="list-style-type: none"> • Headphone/Microphone Combo at left side, HDMI IN at left side • 2x USB 3.0 at right side, Subwoofer out at right base side • 2x USB 2.0 at right base side, • 1x USB 2.0 port for KB/MS dongle • Connect your Xbox, Wii, or Playstation through the HDMI input
Mouse and Keyboard	• Wireless chiclet-style keyboard with volume control, Windows 8 hot keys and optical mouse ^{(1)(9a)}
Web Camera	• HP TrueVision HD Webcam ⁽¹⁰⁾ 720p HD and built in microphones
Integrated Display	• 10-point touch-enabled 23" diagonal widescreen IPS Full HD ⁽³³⁾ LED backlight display
Display Resolution	• 1920x1080 (Full HD) ⁽²⁰⁾
Tilt/Stand Design	<ul style="list-style-type: none"> • Tilt Angle: 5 to 145 • Stand Type: Immersive Touch
Power Supply	• 150W Power Supply (external)
Dimensions	<ul style="list-style-type: none"> • Unpackaged: 22.02 in (L) x 10.44 in (W) x 17.87 in (H) approx. • Packaged: 28.35 in (L) x 9.84 in (W) x 21.26 in (H) approx.
Weight	<ul style="list-style-type: none"> • Unpackaged: 26.72 lb approx. • Packaged: 40.46 lb approx.
Warranty and Support	<ul style="list-style-type: none"> • Warranty: <ul style="list-style-type: none"> - 1 year limited hardware warranty and 1 year technical support - 24x7 technical assistance available online⁽¹⁰⁾ or toll-free by phone • Service: <ul style="list-style-type: none"> - For information on Authorized support providers, replacement parts, and other service related information, visit www.hp.com/support • Support: <ul style="list-style-type: none"> - Click the HP Support Assistant icon in your taskbar or desktop for easy access to automated maintenance, built-in diagnostic tools, and a choice of assistance options. Learn more at www.hp.com/go/hpsupportassistant - Visit our Consumer Support Forum, available 24x7 in English, French or Spanish at www.hp.com/go/supportforum - Contact technical support (available 24x7; toll-free phone, chat, or email) at http://welcome.hp.com/country/us/en/wwcontact.html

Software

Communication and Chat	• Pinger: Let your PC handle all your communication with a local phone number, unlimited text messaging to any US/Canada number, incoming calls and voicemail—all for free. ⁽¹¹⁾
Games	<ul style="list-style-type: none"> • HP Exclusive! 10 free game rental sessions of Plants vs. Zombies. Your HP TouchSmart also comes preloaded with two FREE games – Build-a-lot, and Bounce Symphony (\$39.99 value) and HP Games. • Microsoft Games: (Solitaire, Taptiles) Start enjoying the Windows 8 experience right out of the box.
HP Help and Support	<ul style="list-style-type: none"> • Getting Started with Windows 8: HP's application makes it fun & easy to get to know Windows 8. Let us help you learn the basics of navigating the new Start Screen, powering off your device, and additional tips and tricks through helpful step by step videos. • HP Support Assistant: With HP Support Assistant, enjoy immediate, always-on, self-help support built right into your PC, for the life of your PC, absolutely free.^{(5a)(57)}
Books, Music, Photos and Videos	<ul style="list-style-type: none"> • Amazon Kindle for Windows 8⁽¹¹⁾ • Beats Audio™: With Beats Audio™, quad speaker, and a subwoofer, the ENVY is designed for the best sounding, richest audio available on a PC. • CyberLink PhotoDirector: Makes it easy to create spectacular photos. From the moment your images are imported, the software empowers you with the tools you need to create eye-catching images, including photo management, photo adjustment and advanced editing features. • CyberLink PowerDirector: Fast, feature-rich and easy to use, the powerful set of integrated tools lets you create brilliant videos. Whether you're practically an expert or a novice. Packed with intuitive and exciting features and is designed for creating brilliant high definition videos that will amaze your friends and family. • CyberLink YouCam: YouCam is the ultimate webcam software. • HP Connected Music: Access multiple music sources from one location with HP Connected Music. Listen to radio stations and broadcasts from all over the world with TuneIn Radio and integrate your music library and leading music services in a single, unique application.^(18a) • HP Connected Photo powered by Snapfish: Sync photos across your PC, smartphone, and tablet. Crop, rotate, add captions, and more. Then share in seconds with friends and family through your social networks.⁽¹⁷⁾ Picture the fun. • Netflix: Watch movies and TV online or via DVDs with subscription.
Productivity and Tools	<ul style="list-style-type: none"> • 7-zip: File Archive Utility • Box: Simple, secure sharing from nearly anywhere.⁽¹⁰⁾ • Buy Office: The most powerful Office yet. Your content when and where you need it.^(6a) • Cozi Express: Put your schedules, shopping lists, to-do lists, and more together in one place with Cozi Express. The whole family can share access to the family calendar, sync up, and set reminders from any PC, mobile phone, or tablet.⁽¹⁰⁾ • HP Recovery Manager: Recover, restore, and create recovery media for your PC.
Security and Protection	<ul style="list-style-type: none"> • HP SimplePass: Access online accounts with a single password or PIN. • McAfee®: Free 30-day Trial of McAfee LiveSafe™ service included. McAfee LiveSafe service enriches your digital life by protecting your data, identity and all your devices so you can connect with confidence.⁽⁶⁾

Additional information

Product Number	• F3D51AA#ABA
Ad embargo date	• 1/26/2014
UPC code	• 888182121115
Country of origin	• China
Tariff number	• 8471500085
Pallet information	<ul style="list-style-type: none"> • Dimensions: 47.24 in (L/D) x 39.37 in (W) x 69.09 in (H) approx. • Total weight: 651.03 lb approx. • Layers: 3 • Products per layer: 5 • Total products per pallet: 15

Learn more at hp.com

⁽¹⁾ Not all features are available in all editions of Windows 8.1. Systems may require upgraded and/or separately purchased hardware, drivers and/or software to take full advantage of Windows 8.1 functionality. See <http://www.microsoft.com> ^(2a) Intel's numbering is not a measurement of higher performance. Dual-core/multi-core is a new technology designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. ⁽³⁾ Up to 512MB of main system memory may be allocated to support video graphics. ^(4a) For hard drives, TB = 1 trillion bytes. Actual formatted capacity is less. Up to 35GB of hard drive is reserved for system recovery software. ⁽⁷⁾ GHz refers to internal clock speed of the processor. Other factors besides clock speed may impact system and application performance. ⁽⁸⁾ Internet access required and not included. Subscription required after 30 days trial period. ⁽¹²⁾ Requires ConduSiv ExpressCache Technology software. Depending on usage and system configuration, your results may vary. Faster boot and resume times are dependent on number and file of apps typically used on the PC, as well as how often the user puts the PC in sleep or off mode. ^(19a) Wireless access point required and not included. ^(20a) All specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower. ^(26a) Bluetooth® is a trademark owned by its proprietor and used by Hewlett-Packard Company under license. ⁽²⁷⁾ EPEAT® Silver registered models of this product are available where HP registers consumer desktop and/or notebook computers. ⁽²⁹⁾ Actual speeds may vary. ⁽³¹⁾ Free recycling in select countries. Program may not be available in your area. Check www.hp.com/go/recycling to see if HP offers free recycling in your area. ⁽³⁷⁾ Supported on Windows and Android operating systems. Companion Snapfish iOS app available for download. Snapfish membership required. Internet service required and not included. ^(38a) Availability of features varies by country. Streaming services may require a paid subscription. May not be compatible with all music files. Not compatible with DRM tracks. Internet service required and not included. ^(39a) Wireless access point and Internet service required and not included. ^(6a) For more information, visit <http://www.hp.com/go/hpsupportassistant>. [Link will vary outside of the U.S.] HP Support Assistant is only available on Windows-based PCs. ⁽⁵⁷⁾ Internet connection required for updating and connecting to HP Support. ^(58a) 24x7 support available only in North America. Rest of world is supported during normal business hours. ⁽⁶¹⁾ External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen. ⁽⁶²⁾ Requires an operating system with power management capabilities, such as Windows 8 or Chrome. ⁽⁶³⁾ Designation based on actions to reduce transportation-related emissions. ⁽⁶⁴⁾ Purchase of product key or subscription (1 month trial for new Office 365 customers) is required for full Office. Internet Service is required and not included. Click the Office icon for more details on the Office product that is right for you. ⁽⁶⁵⁾ Intel® Wireless Display available on Intel® products only. Requires a separate Wireless Display receiver with a USB port and an HDTV or Monitor with HDMI input or supported WiDi certified HDTV. ⁽⁶²⁾ Compared to Intel® HD 4000 Integrated Graphics: Skyrim Game Performance. ^(65a) HP SmartFriend will support any major brand of computer and tablet running Microsoft Windows, OSX, iOS, Android, and Chrome OS. 24 x 7 support available in the US only. Service availability varies by country/region. Internet connection required for remote support. Remote support not available for tablets. Not all service plans cover support for tablets. Visit www.hp.com/go/smartfriend for more information. HP SmartFriend sold separately or as an add-on feature. ^(66a) For full functionality of the share hot key, internet access is required and not included. Actual product may vary from image shown on datasheet. ©2014 Hewlett-Packard Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing shall be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein. All other trademarks are property of their respective owners. 12/11_r1 1r/1r

